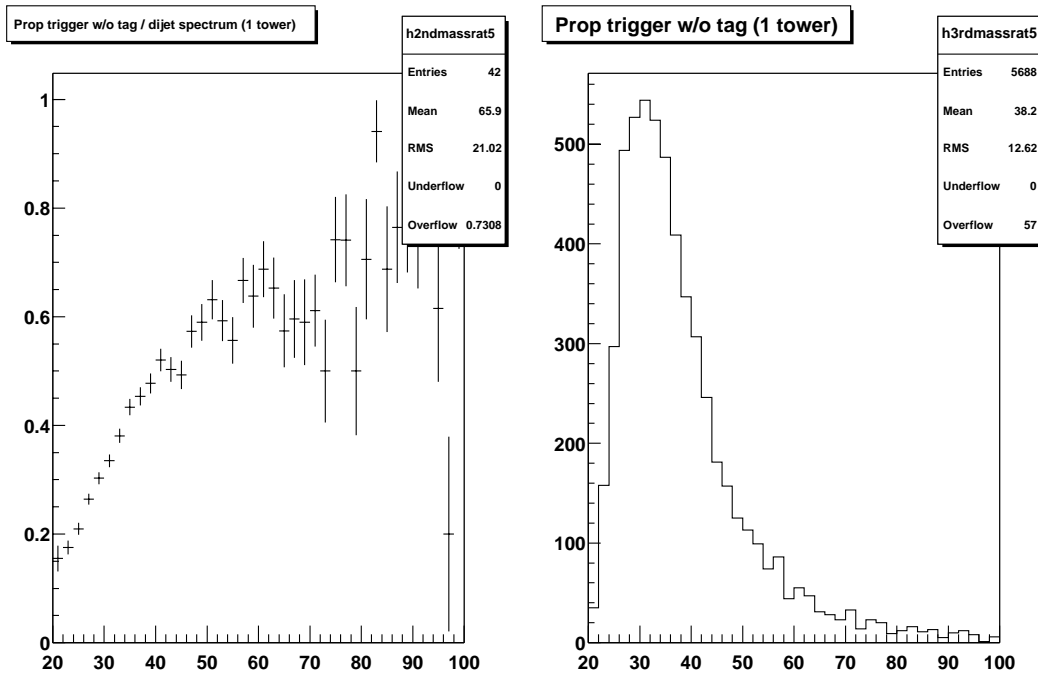
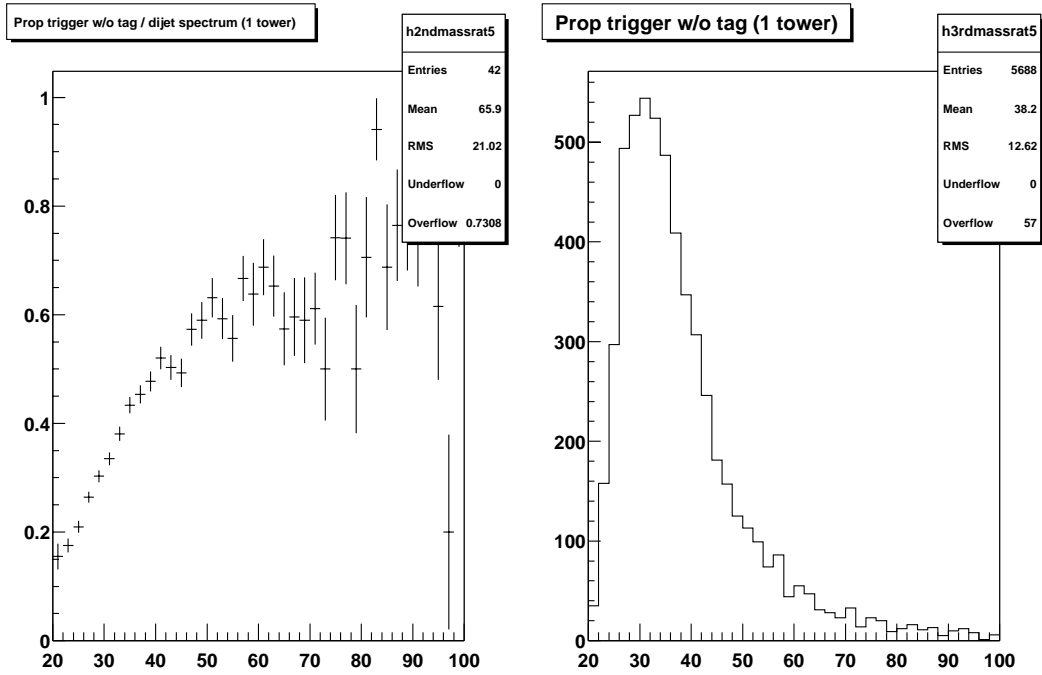


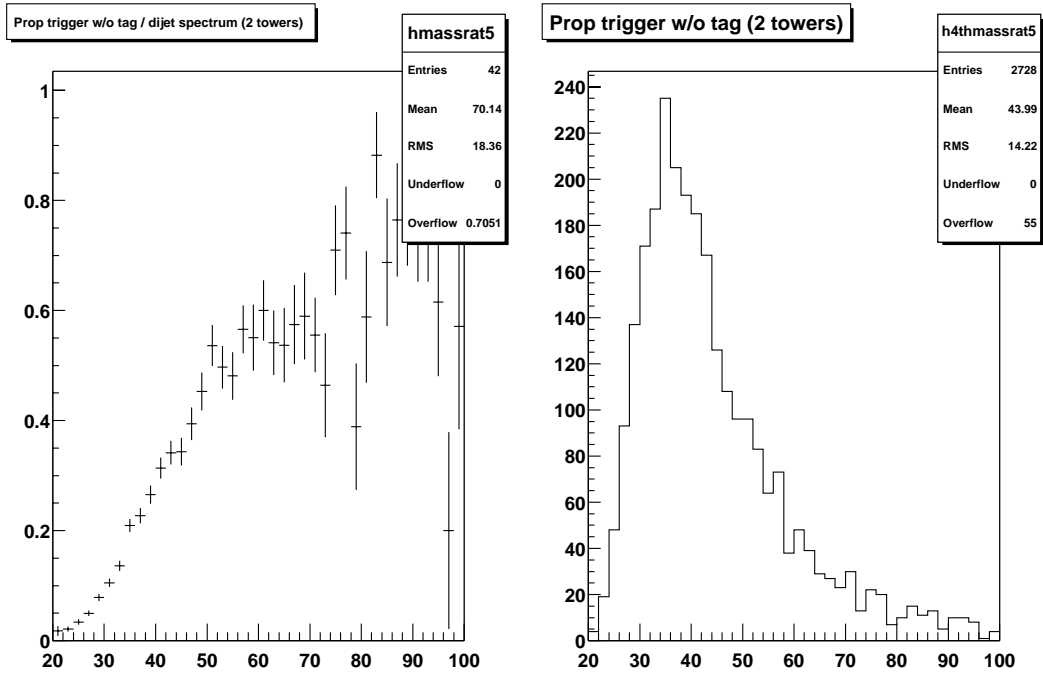
Current trigger: (R dijet mass spectrum of all events satisfying the trigger. L denominator is spectrum of all events with two central jets with $E_t > 10$, numerator is plot from RHS)



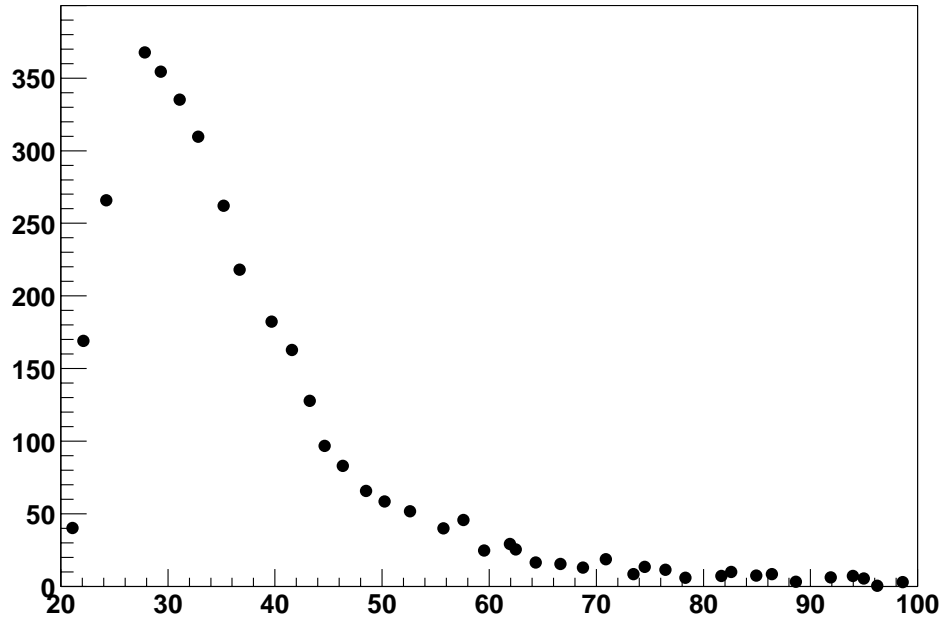
Proposed trigger: (R dijet mass spectrum of all events satisfying the trigger except for tag requirement, also there is no requirement for calorimeter towers. L denominator is spectrum of all events with two central jets with $E_t > 10$, numerator is plot from RHS)



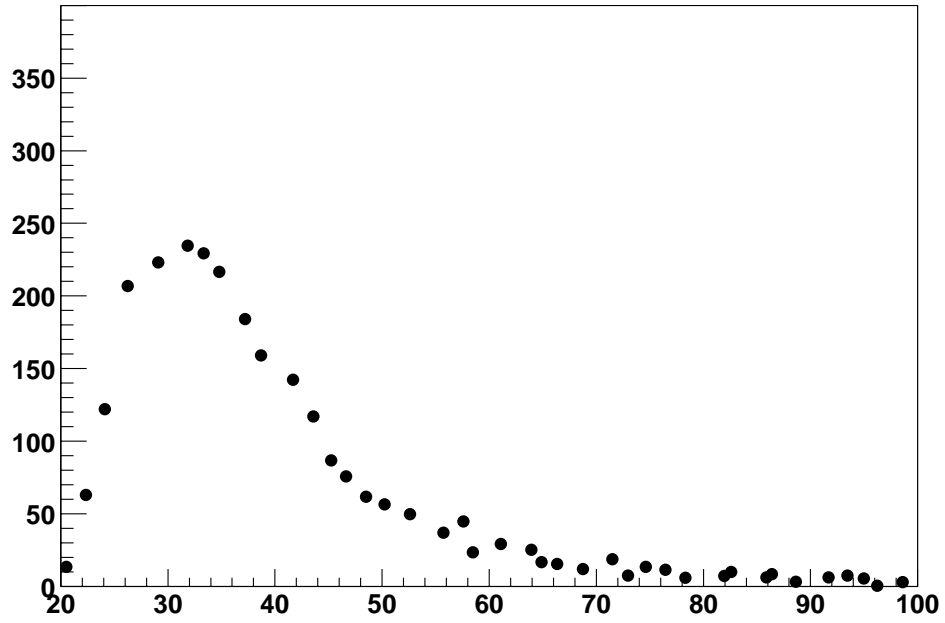
Proposed trigger: (R dijet mass spectrum of all events satisfying the trigger except for tag requirement, only one calorimeter tower > 5 GEV is required. L denominator is spectrum of all events with two central jets with $E_t > 10$, numerator is plot from RHS)



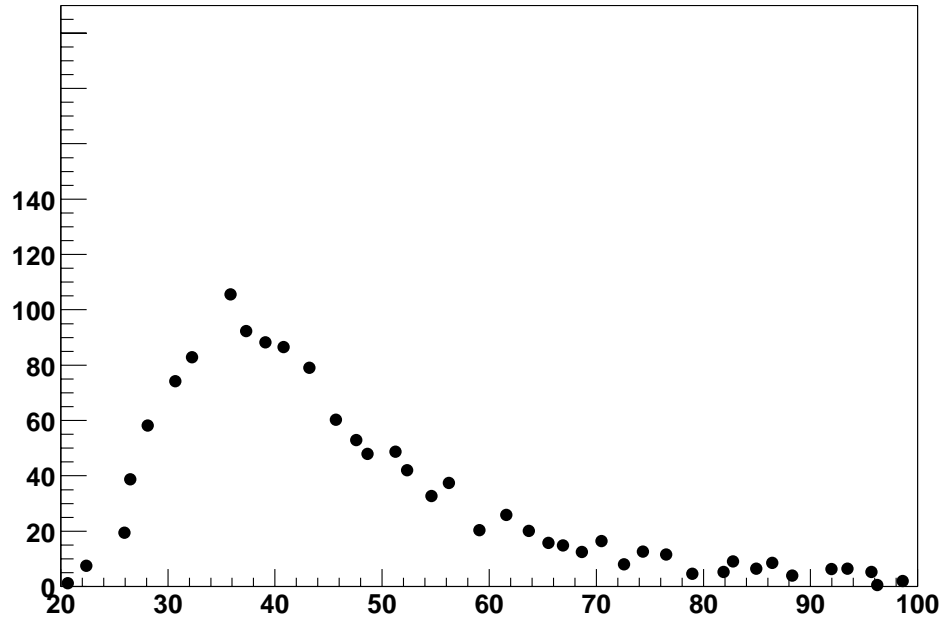
Proposed trigger: (R dijet mass spectrum of all events satisfying the trigger except for tag requirement, two calorimeter towers > 5 GeV are required. L denominator is spectrum of all events with two central jets with $E_t > 10$, numerator is plot from RHS)



Proposed trigger: (Estimation of spectrum when tag is required using extrapolation of current tagging probabilities. This plot has no requirement for calorimeter towers)



Proposed trigger: (Estimation of spectrum when tag is required using extrapolation of current tagging probabilities. This plot requires one calorimeter tower > 5 GeV)



Proposed trigger: (Estimation of spectrum when tag is required using extrapolation of current tagging probabilities. This plot requires two calorimeter towers > 5 GeV)

Notes: Plots generated from 102,000 events of continuum $b\bar{b}$ Monte Carlo.
As the calorimeter tower requirement is made stricter, we see the turn-on shift from <30 to ~ 35 , the same as the current trigger. The requirement of one tower >5 GeV shifts the peak to only ~ 31 in both the tagged and untagged profiles.